

ABSTRACT

ai sub by  
The present invention provides a tire having a carcass ply, an inner elastomeric layer for sealing against inflation gases and an intermediate elastomeric layer between the carcass ply and the inner layer. The intermediate reinforcement layer is formed from a rubber composition that comprises an elastomer, where the elastomer comprises a natural or synthetic polyisoprene having a majority of chains with cis-1,4 bonds and a copolymer of one or more conjugated diene polymers and one or more vinyl aromatic polymers. The rubber composition of the intermediate reinforcement layer further comprises carbon black, typically in an amount of about 25-85 parts by weight per hundred parts of the elastomer.